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10/009164

JC13 Rec'd PCT/PTO 27 MAR 2002

THE FOLLOWING IS THE ENGLISH TRANSLATION OF THE
ANNEXES TO THE INTERNATIONAL PRELIMINARY
EXAMINATION REPORT : AMENDED SHEETS (Pages 46 and 47).

beam and the absorption of the pump beam by a sample is detected by the refraction or the reflection of a probe beam.

5 5. Method according to Claim 4 in which the probe and pump beams cross each other.

6. Method according to Claim 4 in which the probe and pump beams are in a transverse configuration or in
10 an approximately collinear configuration.

7. Method according to any one of Claims 4 to 6 in which the pump beam is chosen from a pulsed laser, a continuous intensity modulated laser or polychromatic
15 light.

8. Method according to any one of Claims 4 to 7 in which the refraction or the reflection of the probe beam is detected by means of multielement photodiode or
20 by means of a simple photodiode receiving only part of the probe beam.

9. Method according to any one of Claims 4 to 8 in which the pump beam is a beam from a laser chosen from
25 a continuous argon laser at 275 nm, a quadrupled YAG laser with a wavelength of 266 nm or polychromatic light.

10. Method according to anyone of Claims 4 to 9 in
30 which the probe beam has a wavelength that is not absorbed by the substrate nor the present molecules.

11. Method according to Claim 3 in which an incident beam is used, said beam being a beam from a laser chosen from a continuous argon laser at 275 nm, a quadrupled YAG laser with a wavelength of 266 nm or
5 polychromatic light.

12. Method according to any one of the preceding claims comprising in addition a step for comparing the measurement of absorption of the sample with that of a
10 control sample.

13. Use of method according to any one of Claims 1 to 12 for a test, a diagnosis or a detection of hybridization of nucleic acids.
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14. Device for implementing the method according to any one of Claims 5 to 8, said device comprising the following elements:

- a means for positioning the support
- 20 - a means for illuminating the support
- a means for detecting the absorption of light by the sample brought by the support when it is illuminated by said illuminating means, and
- a means for positioning said illuminating means
25 and said detecting means.